M	AvgFeederLength	Lines Times Average Feeder Length		= AvgFeederLength	
N	LinesLoopLength	Total Lines Loop Length		= LinesLoopLength	
O	DistrCost	Total Distribution Cost		= DistrCost	
P	FeederCost	Grand Total Feeder Cost		= FeederCost	
Q	LoopCost	UnCapped Total Loop Cost		= LoopCost	
R	CapLoopCost	Capped Total Loop Cost		= CapLoopCost	
S	LandInv	2111 Uncapped Land Investment		= LandInv	
T	BldgInv	2121 Uncapped Building Investment		= BldgInv	
U	SWInv	2210 Uncapped Switching and Signaling Investment		= SwitchInv	
V	CircuitInv	Uncapped 2230 Total DLC, DS1 Electronic Investment		= CircuitInv	
W	IOFInv	2232 Uncapped IOF Investment		= IOFInv	
X	AerialCopperInv	UnCapped 2421 Aerial Copper Cable Investment		= AerialCopperInv	

Y	UndergndCopperInv	UnCapped 2422 Underground Copper Cable Investment		= UndergndCopperInv	
Z	BuriedCopperInv	UnCapped 2423 Buried Copper Cable Investment		= BuriedCopperInv	
AA	AerialFiberInv	UnCapped 2421 Aerial Fiber Cable Investment		= AerialFiberInv	
AB	UndergndFiberInv	UnCapped 2422 Underground Fiber Cable Investment		= UndergndFiberInv	
AC	BuriedFiberInv	UnCapped 2423 Buried Fiber Cable Investment		= BuriedFiberInv	
AD	PoleInv	UnCapped 2411 Pole Line Investment		= PoleInv	
AE	ConduitInv	UnCapped 2441 Conduit Investment		= ConduitInv	
AF	MotorVehSupport	UnCapped 2112 Motor Vehicles		= MotorVehSupport	
AG	SPVehSupport	UnCapped 2114 Special Purpose Vehicles		= SPVehSupport	
AH	GarageWorkSupport	UnCapped 2115 Garage Work Equipment		= GarageWorkSupport	

AI	OtherWorkSupport	UnCapped 2116 Other Work Equipment		= OtherWorkSupport	
AJ	NetworkSupport	UnCapped 2110 Network Support		= NetworkSupport	
AK	FurnitureSupport	UnCapped 2122 Furniture Support Investment		= FurnitureSupport	
AL	OfficeSupport	UnCapped 2123 Office Support Investment		= OfficeSupport	
AM	GPComputersSupport	UnCapped 2124 General Purpose Computers		= GPComputersSupport	
AN	GeneralSupport	UnCapped 2120 General Support		= GeneralSupport	
AO	OtherInvInclLandBldg	UnCapped 2110 Land and Support Investment		= OtherInvInclLandBldg	
AP	CapCircuitInv	Capped 2230 Circuit Investment		= CapCircuitInv	
AQ	CapPoleInv	Capped 2411 Pole Line Investment		= CapPoleInv	
AR	CapAerialCopperInv	Capped 2421 Aerial Copper Cable Investment		= CapAerialCopperInv	
AS	CapUndergndCopperInv	Capped 2422 Underground Copper Cable Investment		= CapUndergndCopperInv	

AT	CapBuriedCopperInv	Capped 2423 Buried Copper Cable Investment		= CapBuriedCopperInv	
AU	CapAerialFiberInv	Capped 2421 Aerial Fiber Cable Investment		= CapAerialFiberInv	
AV	CapUndergndFiberInv	Capped 2422 Underground Fiber Cable Investment		= CapUndergndFiberInv	
AW	CapBuriedFiberInv	Capped 2423 Buried Fiber Cable Investment		= CapBuriedFiberInv	
AX	CapConduitInv	Capped 2441 Conduit Investment		= CapConduitInv	
AY	CapMotorVehSupport	Capped 2112 Motor Vehicles		= CapMotorVehSupport	
AZ	CapSPVehSupport	Capped 2114 Special Purpose Vehicles		= CapSPVehSupport	
BA	CapGarageWorkSupport	Capped 2115 Garage Work Equipment		= CapGarageWorkSupport	
BB	CapOtherWorkSupport	Capped 2116 Other Work Equipment		= CapOtherWorkSupport	
BC	CapFurnitureSupport	Capped 2122 Furniture Support Investment		= CapFurnitureSupport	

BD	CapOfficeSupport	Capped 2123 Office Support Investment		= CapOfficeSupport	
BE	CapGPComputersSupport	Capped 2124 General Purpose Computers		= CapGPComputersSupport	
BF	CapOtherInvInclLandBldg	Capped 2110 Land and Support Investment		= CapOtherInvInclLandBldg	
BG	Acct6110	UnCapped 6110 Network Support Expenses		= Acct6110 + BAcct6110	
BH	Acct6120	UnCapped 6120 General Support Expense		= Acct6120 + BAcct6120	
BI	Acct6210	6210 Switching Expense		= Acct6210 + BAcct6210	
BJ	Acct6230	UnCapped 6230 Central Office Transmission Expense		= Acct6230 + BAcct6230	
BK	Acct6230IOF	6230 InterOffice Transmission		= Acct6230IOF + BAcct6230IOF	
BL	Acct6310	6310 Information Origination / Termination Expense		= Acct6310 + BAcct6310	
BM	Acct6411	UnCapped 6411 Poles Expense		= Acct6411 + BAcct6411	

BN	Acct64211	UnCapped 6421 Aerial Copper Cable Expense		= Acct64211 + BAcct64211	
BO	Acct64212	UnCapped 6421 Aerial Fiber Cable Expense		= Acct64212 + BAcct64212	
BP	Acct64221	UnCapped 6422 Underground Copper Cable Expense		= Acct64221 + BAcct64221	
BQ	Acct64222	UnCapped 6422 Underground Fiber Cable Expense		= Acct64222 + BAcct64222	
BR	Acct64231	UnCapped 6423 Buried Copper Cable Expense		= Acct64231 + BAcct64231	
BS	Acct64232	UnCapped 6423 Buried Fiber Cable Expense		= Acct64232 + BAcct64232	
BT	Acct6441	UnCapped 6441 Conduit Investment System Expense		= Acct6441 + BAcct6441	
BU	Acct6410	UnCapped 6410 Cable and Wire Facilities Expense		= Acct6410 + BAcct6410	
BV	Acct6510	6510 Other Property, Plant and Equipment Expense		= Acct6510 + BAcct6510	

BW	Acct6530	6530 Network Operations Expense		= Acct6530 + BAcct6530	
BX	Acct6610	6610 Customer Operations - Marketing Expense		= Acct6610 + BAcct6610	
BY	Acct6620	6620 Customer Operations - Services Expense		= Acct6620 + BAcct6620	
BZ	Acct6710	6710 Corporate Operations - Executive and Planning Expense		= Acct6710 + BAcct6710	
CA	Acct6720	6720 Corporate Operations - General and Administrative Expense		= Acct6720 + BAcct6720	
CB	Acct6790	6790 Corporate Operations - Uncollectible Expense		= Acct6790 + BAcct6790	
CC	TotalOperating Expense	UnCapped Total Operating Expense		= TotalOperatingExpense + BTotalOperatingExpense	
CD	CapAcct6110	Capped 6110 Network Support Expenses		= CapAcct6110 + CapBAcct6110	
CE	CapAcct6230	Capped 6230 Central Office Transmission Expense		= CapAcct6230 + CapBAcct6230	

CF	CapAcct6411	Capped 6411 Poles Expense		= CapAcct6411 + CapBAcct6411	
CG	CapAcct64211	Capped 6421 Aerial Copper Cable Expense		= CapAcct64211 + CapBAcct64211	
CH	CapAcct64212	Capped 6421 Aerial Fiber Cable Expense		= CapAcct64212 + CapBAcct64212	
CI	CapAcct64221	Capped 6422 Underground Copper Cable Expense		= CapAcct64221 + CapBAcct64221	
CJ	CapAcct64222	Capped 6422 Underground Fiber Cable Expense		= CapAcct64222 + CapBAcct64222	
CK	CapAcct64231	Capped 6423 Buried Copper Cable Expense		= CapAcct64231 + CapBAcct64231	
CL	CapAcct64232	Capped 6423 Buried Fiber Cable Expense		= CapAcct64232 + CapBAcct64232	
CM	CapAcct6441	Capped 6441 Conduit Investment System Expense		= CapAcct6441 + CapBAcct6441	
CN	CapAcct6410	Capped 6410 Cable and Wire Facilities Expense		= CapAcct6410 + CapBAcct6410	

CO	CapTotalOperatingExpense	Capped Total Operating Expense		= CapTotalOperatingExpense + CapBTotalOperationExpense	
CP	AnnualDepCost	UnCapped Total Annual 6560 Depreciation		= AnnualDepCost	
CQ	CapAnnualDepCost	Capped Total Annual 6560 Depreciation		= CapAnnualDepCost	
CR	AcfAnnualCapitalCost	Uncapped Total Annual Capital Cost		= AcfAnnualCapitalCost	
CS	CapAnnualCapitalCost	Capped Total Annual Capital Cost		= CapAnnualCapitalCost	
CT	AnnualTaxCost	UnCapped Total Annual Tax Cost		= AnnualTaxCost	
CU	CapAnnualTaxCost	Total Capped Annual Tax Cost		= CapAnnualTaxCost	
CV	AnnualReturnCost	UnCapped Total Annual Return		= AnnualReturnCost	
CW	CapAnnualReturnCost	Capped Total Annual Return		= CapAnnualReturnCost	
CX		Uncapped Gross Receipts Tax		= (TotalOperatingExpense + AnnualTaxCost + AnnualReturnCost) * VLOOKUP (StateID, StateInformationTable, 5, FALSE) / (1 - VLOOKUP (StateID, StateInformationTable, 5, FALSE))	
CY		Capped Gross Receipts Tax		= (TotalOperatingExpense + CapAnnualTaxCost + CapAnnualReturnCost) * VLOOKUP (StateID, StateInformationTable, 5, FALSE) / (1 - VLOOKUP (StateID, StateInformationTable, 5, FALSE))	
CZ	ResBenchmark1	UnCapped Residential Support Over $0.00 Benchmark		= ResBenchmark1	

DA	ResBenchmark 2	UnCapped Residential Support Over $0.00 Benchmark		= ResBenchmark2	
DB	ResBenchmark 3	UnCapped Residential Support Over $0.00 Benchmark		= ResBenchmark3	
DC	ResBenchmark 4	UnCapped Residential Support Over $0.00 Benchmark		= ResBenchmark4	
DD	ResBenchmark 5	UnCapped Residential Support Over $0.00 Benchmark		= ResBenchmark5	
DE	ResBenchmark 6	UnCapped Residential Support Over $0.00 Benchmark		= ResBenchmark6	
DF	ResBenchmark 7	UnCapped Residential Support Over $0.00 Benchmark		= ResBenchmark7	
DG	BusBenchmark 1	UnCapped Business Support Over $0.00 Benchmark		= BusBenchmark1	
DH	BusBenchmark 2	UnCapped Business Support Over $0.00 Benchmark		= BusBenchmark2	

DI	BusBenchmark 3	UnCapped Business Support Over $0.00 Benchmark		= BusBenchmark3	
DJ	BusBenchmark 4	UnCapped Business Support Over $0.00 Benchmark		= BusBenchmark4	
DK	BusBenchmark 5	UnCapped Business Support Over $0.00 Benchmark		= BusBenchmark5	
DL	BusBenchmark 6	UnCapped Business Support Over $0.00 Benchmark		= BusBenchmark6	
DM	BusBenchmark 7	UnCapped Business Support Over $0.00 Benchmark		= BusBenchmark7	
DN	CapResBench mark1	Capped Residential Support Over $0.00 Benchmark		= CapResBenchmark1	
DO	CapResBench mark2	Capped Residential Support Over $0.00 Benchmark		= CapResBenchmark2	
DP	CapResBench mark3	Capped Residential Support Over $0.00 Benchmark		= CapResBenchmark3	

DQ	CapResBenchmark4	Capped Residential Support Over $0.00 Benchmark		= CapResBenchmark4	
DR	CapResBenchmark5	Capped Residential Support Over $0.00 Benchmark		= CapResBenchmark5	
DS	CapResBenchmark6	Capped Residential Support Over $0.00 Benchmark		= CapResBenchmark6	
DT	CapResBenchmark7	Capped Residential Support Over $0.00 Benchmark		= CapResBenchmark7	
DU	CapBusBenchmark1	Capped Business Support Over $0.00 Benchmark		= CapBusBenchmark1	
DV	CapBusBenchmark2	Capped Business Support Over $0.00 Benchmark		= CapBusBenchmark2	
DW	CapBusBenchmark3	Capped Business Support Over $0.00 Benchmark		= CapBusBenchmark3	
DX	CapBusBenchmark4	Capped Business Support Over $0.00 Benchmark		= CapBusBenchmark4	

DY	CapBusBenchmark5	Capped Business Support Over $0.00 Benchmark		= CapBusBenchmark5	
DZ	CapBusBenchmark6	Capped Business Support Over $0.00 Benchmark		= CapBusBenchmark6	
EA	CapBusBenchmark7	Capped Business Support Over $0.00 Benchmark		= CapBusBenchmark7	
EB	SqMiles	Area-sq Miles		= SqMiles	
EC	AerialRouteLength	Aerial Route Length		= AerialRouteLength	
ED	BuriedRouteLength	Buried Route Length		= BuriedRouteLength	
EE	UndergroundRouteLength	Underground Route Length		= UndergroundRouteLength	
EF	NumberofPoles	Number of Poles		= NumberofPoles	
EG	NumberofManholes	Number of Manholes		= NumberofManholes	
EH	GridLinesServedonDLC_L	Grid Lines Served on DLC-L		= GridLinesServedonDLC_L	
EI	GridLinesServedonDLC_S	Grid Lines Served on DLC-S		= GridLinesServedonDLC_S	
EJ	GridLinesServedonCopper	Grid Lines Served on Copper		= GridLinesServedonCopper	
EK	NumberofDLC_LTerminals	Number of DLC-L Terminals		= NumberofDLC_LTerminals	
EL	NumberofDLC_STerminals	Number of DLC-S Terminals		= NumberofDLC_STerminals	

EM	HHByCost_1	Households By Cost < $5		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 1, HouseHolds, 0))	
EN	HHByCost_2	Households By Cost < $10		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 2, HouseHolds, 0))	
EO	HHByCost_3	Households By Cost < $15		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 3, HouseHolds, 0))	
EP	HHByCost_4	Households By Cost < $20		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 4, HouseHolds, 0))	
EQ	HHByCost_5	Households By Cost < $25		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 5, HouseHolds, 0))	
ER	HHByCost_6	Households By Cost < $30		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 6, HouseHolds, 0))	
ES	HHByCost_7	Households By Cost < $35		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 7, HouseHolds, 0))	
ET	HHByCost_8	Households By Cost < $40		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 8, HouseHolds, 0))	
EU	HHByCost_9	Households By Cost < $45		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 9, HouseHolds, 0))	
EV	HHByCost_10	Households By Cost < $50		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 10, HouseHolds, 0))	
EW	HHByCost_11	Households By Cost < $55		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 11, HouseHolds, 0))	
EX	HHByCost_12	Households By Cost < $60		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 12, HouseHolds, 0))	
EY	HHByCost_13	Households By Cost < $65		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 13, HouseHolds, 0))	

EZ	HHByCost_14	Households By Cost < $70		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 14, HouseHolds, 0))	
FA	HHByCost_15	Households By Cost < $75		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 15, HouseHolds, 0))	
FB	HHByCost_16	Households By Cost < $100		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 16, HouseHolds, 0))	
FC	HHByCost_17	Households By Cost < $150		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 17, HouseHolds, 0))	
FD	HHByCost_18	Households By Cost <$200		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 18, HouseHolds, 0))	
FE	HHByCost_19	Households By Cost < $250		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 19, HouseHolds, 0))	
FF	HHByCost_20	Households By Cost < $300		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 20, HouseHolds, 0))	
FG	HHByCost_21	Households By Cost < $500		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 21, HouseHolds, 0))	
FH	HHByCost_22	Households By Cost < $10,000		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 22, HouseHolds, 0))	
FI	HHByCost_23	Households By Cost > $10,000		= IF (GridLines = 0, 0, IF (GetByCostindex (AcfAnnualCapitalCost / GridLines / 12 + MonthlyOperatingExpenseperLine * ResProportion + BMonthlyOperatingExpenseperLine * BusProportion) = 23, HouseHolds, 0))	
FJ	HHByLoop_1	Households By Loop < 5K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 1, HouseHolds, 0)	
FK	HHByLoop_2	Households By Loop < 10K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 2, HouseHolds, 0)	
FL	HHByLoop_3	Households By Loop < 15K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 3, HouseHolds, 0)	
FM	HHByLoop_4	Households By Loop < 20K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 4, HouseHolds, 0)	
FN	HHByLoop_5	Households By Loop < 25K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 5, HouseHolds, 0)	

FO	HHByLoop_6	Households By Loop < 30K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 6, HouseHolds, 0)	
FP	HHByLoop_7	Households By Loop < 40K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 7, HouseHolds, 0)	
FQ	HHByLoop_8	Households By Loop < 50K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 8, HouseHolds, 0)	
FR	HHByLoop_9	Households By Loop < 60K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 9, HouseHolds, 0)	
FS	HHByLoop_10	Households By Loop < 70K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 10, HouseHolds, 0)	
FT	HHByLoop_11	Households By Loop < 80K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 11, HouseHolds, 0)	
FU	HHByLoop_12	Households By Loop < 90K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 12, HouseHolds, 0)	
FV	HHByLoop_13	Households By Loop < 100K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 13, HouseHolds, 0)	
FW	HHByLoop_14	Households By Loop < 150K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 14, HouseHolds, 0)	
FX	HHByLoop_15	Households By Loop < 200K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 15, HouseHolds, 0)	
FY	HHByLoop_16	Households By Loop > 200K		= IF (getbyloopindex (LinesLoopLength, GridLines) = 16, HouseHolds, 0)	
FZ	LinesAbove10KLoopInv	Lines Above 10K Loop Investment		= IF (GridLines = 0, 0, IF ((LoopCost / GridLines) > InvLoopCap, HouseHolds, 0))	
GA		Minimum Loop Length	Data for this column developed for each density group only. Appended to record before data is written out.		

GB		Maximum Loop Length	Data for this column developed for each density group only. Appended to record before data is written out.		

BCPM

Release 3.0

Excel Logic Switching

Workbook: E:\bcpm3 Master Copy\Modules\switching\switch.xls

File date: 12/11/97 3:57:50 AM
Comments:

Worksheets:
LERG Inputs
FCC Inputs
SCM Inputs
ALSM Inputs
Userdata
Input Summary
LoopLinecount
Characteristics
Intermediate
Complex
RateCenter
Main Logic
Output
Global Inputs
State Default Inputs
Coefficient Inputs

Sheet: Userdata

Col	Range Name	Column Name	Column Comment	Formula	Formula Comment
A		CLLI			
B		OCN			
C		Switch Type			
D		Engineered Calls /Line			
E		Engineered CCS /Line			
F		Lines Trunk			
G		Percent Fill			

Sheet: Input Summary

Col	Range Name	Column Name	Column Comment	Formula	Formula Comment
A	InpSumST	State		= STATE	
B	InpSumOCN	OCN		= LergOCN	
C	InpSumCLLI	CLLI		= LergCLLI	
D	InpSumHCLLI	HCLLI		= IF (LergHCLLI = 0, " ", LergHCLLI)	
E	InpSumComplex	Complex		= LergComplex	
F	InpSumComplexID	ComplexID		= LergComplexID	
G	InpSumRTCTR	RATE CENTER		= LergRateCTR	
H	InpSumSwVdr	SW Vendor	The model takes the switch vendor from the User Data table if available. If the switch vendor is not input, then the default switch type from the State Defaults data table is used. The ? indicates that the default was used.	= IF (ISERROR (VLOOKUP ('InpSumCLLI', userdata, 3, FALSE)) , "?", (VLOOKUP ($'InpSumCLLI', userdata, 3, FALSE)))	
I	InpSumHR	Host/ Remote		= IF (D3 < > " ", "R", IF (ISNA (VLOOKUP ('Input Summary'!C3, 'LERG Inputs'!D:E, 1, FALSE)) , "S", "H"))	
J	InpSumResLinesEng	# of Res Lines (Eng.)		= InpSumResLinesWrk / VLOOKUP (InpSumST, defaults, 28, FALSE)	
K	InpSumBusLinesEng	#of Bus Lines (Eng.)		= InpSumBusLinesWrk / VLOOKUP (InpSumST, defaults, 28, FALSE)	
L	InpSumResLinesWrk	Working Lines Residence		= VLOOKUP ('InpSumCLLI', LineTable, 2, FALSE)	

M	InpSumBusLinesWrk	Working Lines Business		= VLOOKUP ('InpSumCLLI', LineTable, 3, FALSE)	
N	InpSumEngCalls	Engineered Calls/Line		= IF (InpSumOpt = 1, InpSumUsrCalls, IF (InpSumOpt = 2, InpSumDefcalls, InpSumCalcCalls))	
O	InpSumEngCCS	Engineered CCS/Line		= IF (InpSumOpt = 1, InpSumUsrCCS, IF (InpSumOpt = 2, InpSumDefCCS, InpSumCalcCCS))	
P	InpSumPctfill	Percent fill		= IF (NOT (ISNUMBER (VLOOKUP ('InpSumCLLI', userdata, 7, FALSE))) , VLOOKUP (InpSumST, defaults, 28, FALSE) , VLOOKUP ('InpSumCLLI', userdata, 7, FALSE))	
Q	InpSumLnsTrk	Lines/Trunk		= IF (NOT (ISNUMBER (VLOOKUP ('InpSumCLLI', userdata, 6, FALSE))) , VLOOKUP (InpSumST, defaults, 27, FALSE) , VLOOKUP ('InpSumCLLI', userdata, 6, FALSE))	
R	InpSumTrks	Trunks		= IF (InpSumHR = "R", 0, (InpSumResLinesEng + InpSumBusLinesEng) / InpSumLnsTrk)	
S		Call Completion Fraction		= VLOOKUP (MID (InpSumCLLI, 5, 2) , 'State Default Inputs'!$A$3:$AE$54, 31, FALSE)	
T		Busy Hour Calls Factor		= (InpSumEngCalls * InpSumFeatureLdMult) / S3	
U	InpSumSwCount	Switch Count		1	
V	InpSumOpt	Option		= IF (InpSumUsrCalls < > " ", 1, IF (Engineering_Option = "C", 3, 2))	
W	InpSumUsrCalls	Option 1: User Input Calls /Line		= IF (ISERROR (VLOOKUP ('InpSumCLLI', userdata, 4, FALSE)) , " ", (VLOOKUP ('InpSumCLLI', userdata, 6, FALSE)))	
X	InpSumUsrCCS	Option 1: User Input CCS /Line		= IF (ISERROR (VLOOKUP ('InpSumCLLI', userdata, 5, FALSE)) , "", (VLOOKUP ('InpSumCLLI', userdata, 7, FALSE)))	
Y	InpSumDefcalls	Option 2: Default Calls /Line		= VLOOKUP (InpSumST, defaults, 6, FALSE)	
Z	InpSumDefCCS	Option 2: Default CCS/Line		= VLOOKUP (InpSumST, defaults, 7, FALSE)	
AA	InpSumCalcCalls	Option 3: Calculated Calls /Line		= VLOOKUP (InpSumST, defaults, 16, FALSE)	
AB	InpSumCalcCCS	Option 3: Calculated CCS /Line		= VLOOKUP (InpSumST, defaults, 17, FALSE)	
AC	InpSumOffPctBusLin	Office Percent Business Lines		= InpSumBusLinesEng / (InpSumBusLinesEng + J3)	
AD	InpSumSlope	Slope		= (HB_Mult - Min_Mult) / (1 - Bus_Pen_Ratio)	

AE	InpSumFeature LdMult	Feature Loading Multiplier		= IF (AC3 < Bus_Pen_Ratio, Min_Mult, Min_Mult + (AC3 - Bus_Pen_Ratio) * AD3)	
AF	InpSumProcUs g	Proc Usage to Feature		= (InpSumFeatureLdMult - 1) / InpSumFeatureLdMult	

Sheet: LoopLinecount

Col	Range Name	Column Name	Column Comment	Formula	Formula Comment
A		CLLI			
B		Reslines			
C		Buslines			

Sheet: Characteristics

Col	Range Name	Column Name	Column Comment	Formula	Formula Comment
A	Workpaper	Title		State	
B					
C	Characteristics		The purpose of this sheet is to develop allocation percentages to assign the appropriate portion of each total investment bucket to USF.	= STATE	
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					
N					
O					
P					
Q					
R					
S					
T					
U					
V					
W					
X					
Y					
Z					

AA					
AB					
AC					
AD					
AE					
AF					
AG					
AH					
AI					
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AO					
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BC					
BD					
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BH					
BI					
BJ					
BK					
BL					
BM					